

Day : Sunday  
Date: 12/31/2006


**PALM INTRANET**

Time: 15:20:57

**Inventor Name Search Result**

Your Search was:

Last Name = TSUYAMA

First Name = ISAO

| Application#             | Patent#                 | Status | Date Filed | Title   | Inventor Name |
|--------------------------|-------------------------|--------|------------|---|---------------|
| <a href="#">09111770</a> | <a href="#">6496289</a> | 150    | 07/08/1998 | OPTICAL EXCHANGER   | TSUYAMA, ISAO |
| <a href="#">09114937</a> | <a href="#">6154583</a> | 150    | 07/14/1998 | OPTICAL SWITCH  | TSUYAMA, ISAO |
| <a href="#">09229863</a> | <a href="#">6433900</a> | 250    | 03/01/1999 | OPTICAL WAVELENGTH MULTIPLEXING SYSTEM HAVING A REDUNDANT CONFIGURATION                   | TSUYAMA, ISAO |
| <a href="#">09558072</a> | <a href="#">6522803</a> | 150    | 04/26/2000 | OPTICAL CROSS-CONNECT EQUIPMENT   | TSUYAMA, ISAO |
| <a href="#">09558553</a> | <a href="#">6404940</a> | 150    | 04/25/2000 | OPTICAL CROSS CONNECT APPARATUS AND OPTICAL NETWORK                                       | TSUYAMA, ISAO |
| <a href="#">09908623</a> | Not Issued              | 161    | 07/20/2001 | Optical switch network, optical cross connecting device, and optical add/drop multiplexer | TSUYAMA, ISAO |
| <a href="#">10265767</a> | <a href="#">7120321</a> | 150    | 10/08/2002 | CONTROL METHOD AND DEVICE FOR OPTICAL FILTER  | TSUYAMA, ISAO |
| <a href="#">10265794</a> | <a href="#">6895141</a> | 150    | 10/08/2002 | CONTROL METHOD AND DEVICE FOR OPTICAL FILTER, AND OPTICAL NODE DEVICE                     | TSUYAMA, ISAO |
| <a href="#">10281152</a> | Not Issued              | 161    | 10/28/2002 | Optical exchanger   | TSUYAMA, ISAO |
| <a href="#">10284299</a> | <a href="#">6947630</a> | 150    | 10/31/2002 | CONTROL METHOD AND CONTROL APPARATUS FOR VARIABLE WAVELENGTH OPTICAL FILTER               | TSUYAMA, ISAO |
| <a href="#">10807256</a> | Not Issued              | 71     | 03/24/2004 | Optical apparatus for bidirectional optical communication                                 | TSUYAMA, ISAO |
| <a href="#">11439158</a> | Not                     | 30     | 05/23/2006 | Output control device and   | TSUYAMA, ISAO |

|   | Type | L # | Hits        | Search Text  | DBs  |
|---|------|-----|-------------|--|--|
| 1 | BRS  | L1  | 3557        | port\$2 same (dwdm cwdm wdm<br>multiplex\$4 demultiplex\$4)            | US-<br>PGPUB;<br>USPAT;<br>EPO;<br>JPO;<br>DERWEN<br>T |
| 2 | BRS  | L2  | 114556<br>6 | transceiv\$5 transmit\$5 same<br>(reception adj1 unit\$1<br>receiv\$3) | US-<br>PGPUB;<br>USPAT;<br>EPO;<br>JPO;<br>DERWEN<br>T |
| 3 | BRS  | L3  | 40844       | multiplex\$4 same<br>demultiplex\$4                                    | US-<br>PGPUB;<br>USPAT;<br>EPO;<br>JPO;<br>DERWEN<br>T |
| 4 | BRS  | L4  | 31973       | output\$4 same (demultiplex\$4<br>demultiplex\$4)                      | US-<br>PGPUB;<br>USPAT;<br>EPO;<br>JPO;<br>DERWEN<br>T |
| 5 | BRS  | L5  | 144337      | input\$3 same (multiplex\$5<br>multiplex\$5)                           | US-<br>PGPUB;<br>USPAT;<br>EPO;<br>JPO;<br>DERWEN<br>T |

|   | Time Stamp          |
|---|---------------------|
| 1 | 2006/12/31<br>15:19 |
| 2 | 2006/12/31<br>15:19 |
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| 4 | 2006/12/31<br>15:19 |
| 5 | 2006/12/31<br>15:19 |

|    | Type | L # | Hits  | Search Text   | DBs  |
|----|------|-----|-------|---|--|
| 6  | BRS  | L6  | 30621 | (multiplex\$4 demultiplex\$4)<br>near12 (fiber\$1 fibre\$1<br>waveguide\$1)                             | US-<br>PGPUB;<br>USPAT;<br>EPO;<br>JPO;<br>DERWEN<br>T |
| 7  | BRS  | L7  | 4348  | multiplex\$4 same switch\$5<br>same demultiplex\$4 same<br>(optic\$4 fiber\$1 fibre\$1<br>waveguide\$1) | US-<br>PGPUB;<br>USPAT;<br>EPO;<br>JPO;<br>DERWEN<br>T |
| 8  | BRS  | L8  | 377   | L1 and L2 and L3 and L4 and<br>L5 and L6 and L7   | US-<br>PGPUB;<br>USPAT;<br>EPO;<br>JPO;<br>DERWEN<br>T |
| 9  | BRS  | L9  | 156   | demultiplex\$4 near3<br>bidirection\$4  | US-<br>PGPUB;<br>USPAT;<br>EPO;<br>JPO;<br>DERWEN<br>T |
| 10 | BRS  | L10 | 6     | L8 and L9   | US-<br>PGPUB;<br>USPAT;<br>EPO;<br>JPO;<br>DERWEN<br>T |

|    | Time Stamp          |
|----|---------------------|
| 6  | 2006/12/31<br>15:19 |
| 7  | 2006/12/31<br>15:19 |
| 8  | 2006/12/31<br>15:19 |
| 9  | 2006/12/31<br>15:19 |
| 10 | 2006/12/31<br>15:19 |

|    | <b>DBs</b>                            | <b>Time Stamp</b> |
|----|---------------------------------------|-------------------|
| 1  | US-PGPUB; USPAT; EPO;<br>JPO; DERWENT | 2006/04/20 16:23  |
| 2  | US-PGPUB; USPAT; EPO;<br>JPO; DERWENT | 2006/04/20 13:59  |
| 3  | US-PGPUB; USPAT; EPO;<br>JPO; DERWENT | 2006/04/20 16:16  |
| 4  | US-PGPUB; USPAT; EPO;<br>JPO; DERWENT | 2006/04/20 16:17  |
| 5  | US-PGPUB; USPAT; EPO;<br>JPO; DERWENT | 2006/04/20 17:09  |
| 6  | US-PGPUB; USPAT; EPO;<br>JPO; DERWENT | 2006/04/20 16:28  |
| 7  | US-PGPUB; USPAT; EPO;<br>JPO; DERWENT | 2006/04/20 16:29  |
| 8  | US-PGPUB; USPAT; EPO;<br>JPO; DERWENT | 2006/04/20 16:31  |
| 9  | US-PGPUB; USPAT; EPO;<br>JPO; DERWENT | 2006/04/20 16:32  |
| 10 | US-PGPUB; USPAT; EPO;<br>JPO; DERWENT | 2006/04/20 16:33  |
| 11 | US-PGPUB; USPAT; EPO;<br>JPO; DERWENT | 2006/04/20 16:34  |
| 12 | US-PGPUB; USPAT; EPO;<br>JPO; DERWENT | 2006/04/20 16:49  |
| 13 | US-PGPUB; USPAT; EPO;<br>JPO; DERWENT | 2006/04/20 17:09  |
| 14 | US-PGPUB; USPAT; EPO;<br>JPO; DERWENT | 2006/04/21 12:41  |
| 15 | US-PGPUB; USPAT; EPO;<br>JPO; DERWENT | 2006/04/21 12:41  |
| 16 | US-PGPUB; USPAT; EPO;<br>JPO; DERWENT | 2006/04/21 13:48  |
| 17 | US-PGPUB; USPAT; EPO;<br>JPO; DERWENT | 2006/04/21 12:41  |
| 18 | US-PGPUB; USPAT; EPO;<br>JPO; DERWENT | 2006/04/21 12:41  |
| 19 | US-PGPUB; USPAT; EPO;<br>JPO; DERWENT | 2006/04/21 12:41  |
| 20 | US-PGPUB; USPAT; EPO;<br>JPO; DERWENT | 2006/04/21 12:41  |

|    | Type | Ref # | Hits    | Search Text  |
|----|------|-------|---------|--|
| 21 | BRS  | S33   | 341     | S26 and S27 and S28 and S29 and S30 and S31 and S32  |
| 22 | BRS  | S39   | 6       | S33 and S38  |
| 23 | BRS  | S40   | 136     | S28 and S38  |
| 24 | BRS  | S42   | 41      | S41 not S35  |
| 25 | BRS  | S41   | 47      | S40 and (dwdm cwdm wdm)  |
| 26 | BRS  | S43   | 41      | S42 not S39  |
| 27 | BRS  | S44   | 214     | demultiplex\$4 near5 bidirection\$4  |
| 28 | BRS  | S48   | 2       | "20040264888"  |
| 29 | BRS  | S45   | 197     | S28 and S44  |
| 30 | BRS  | S46   | 67      | S45 and (dwdm cwdm wdm)  |
| 31 | BRS  | S32   | 3961    | multiplex\$4 same switch\$5 same demultiplex\$4 same (optic\$4 fiber\$1 fibre\$1 waveguide\$1) |
| 32 | BRS  | S34   | 10338   | (bidirection\$5 bi adj1 direction\$3) near9 (optic\$3 fiber\$1 fibre\$1 waveguide\$1)          |
| 33 | BRS  | S47   | 18      | S46 not (S35 S41)  |
| 34 | BRS  | S49   | 2       | S48 and (laser\$1 ic emit\$6)  |
| 35 | BRS  | S28   | 37992   | multiplex\$4 same demultiplex\$4   |
| 36 | BRS  | S29   | 29675   | output\$4 same (demultiplex\$4 demultiplex\$4)   |
| 37 | BRS  | S31   | 28474   | (multiplex\$4 demultiplex\$4) near12 (fiber\$1 fibre\$1 waveguide\$1)                          |
| 38 | BRS  | S26   | 3208    | port\$2 same (dwdm cwdm wdm mutiplex\$4 demultiplex\$4)  |
| 39 | BRS  | S51   | 1145566 | transceiv\$5 transmit\$5 same (reception adj1 unit\$1 receiv\$3)                               |
| 40 | BRS  | S58   | 11147   | (bidirection\$5 bi adj1 direction\$3) near9 (optic\$3 fiber\$1 fibre\$1 waveguide\$1)          |

|    | DBs                                   | Time Stamp       |
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| 21 | US-PGPUB; USPAT; EPO;<br>JPO; DERWENT | 2006/04/21 12:41 |
| 22 | US-PGPUB; USPAT; EPO;<br>JPO; DERWENT | 2006/04/21 12:51 |
| 23 | US-PGPUB; USPAT; EPO;<br>JPO; DERWENT | 2006/04/21 13:48 |
| 24 | US-PGPUB; USPAT; EPO;<br>JPO; DERWENT | 2006/04/21 13:06 |
| 25 | US-PGPUB; USPAT; EPO;<br>JPO; DERWENT | 2006/04/21 13:48 |
| 26 | US-PGPUB; USPAT; EPO;<br>JPO; DERWENT | 2006/12/31 12:50 |
| 27 | US-PGPUB; USPAT; EPO;<br>JPO; DERWENT | 2006/04/21 13:48 |
| 28 | US-PGPUB; USPAT; EPO;<br>JPO; DERWENT | 2006/04/21 14:01 |
| 29 | US-PGPUB; USPAT; EPO;<br>JPO; DERWENT | 2006/04/21 13:48 |
| 30 | US-PGPUB; USPAT; EPO;<br>JPO; DERWENT | 2006/04/21 13:49 |
| 31 | US-PGPUB; USPAT; EPO;<br>JPO; DERWENT | 2006/04/21 12:41 |
| 32 | US-PGPUB; USPAT; EPO;<br>JPO; DERWENT | 2006/04/21 12:41 |
| 33 | US-PGPUB; USPAT; EPO;<br>JPO; DERWENT | 2006/04/21 14:01 |
| 34 | US-PGPUB; USPAT; EPO;<br>JPO; DERWENT | 2006/04/21 14:21 |
| 35 | US-PGPUB; USPAT; EPO;<br>JPO; DERWENT | 2006/04/21 12:41 |
| 36 | US-PGPUB; USPAT; EPO;<br>JPO; DERWENT | 2006/04/21 12:41 |
| 37 | US-PGPUB; USPAT; EPO;<br>JPO; DERWENT | 2006/04/21 12:50 |
| 38 | US-PGPUB; USPAT; EPO;<br>JPO; DERWENT | 2006/04/21 13:05 |
| 39 | US-PGPUB; USPAT; EPO;<br>JPO; DERWENT | 2006/12/31 12:50 |
| 40 | US-PGPUB; USPAT; EPO;<br>JPO; DERWENT | 2006/12/31 12:50 |



|    | Type | Ref # | Hits   | Search Text  |
|----|------|-------|--------|--|
| 41 | BRS  | S59   | 103    | S57 and S58  |
| 42 | BRS  | S54   | 144337 | input\$3 same (multiplex\$5 mutiplex\$5)   |
| 43 | BRS  | S53   | 31973  | output\$4 same (demutiplex\$4 demultiplex\$4)  |
| 44 | BRS  | S57   | 377    | S50 and S51 and S52 and S53 and S54 and S55 and S56  |
| 45 | BRS  | S56   | 4348   | multiplex\$4 same switch\$5 same demultiplex\$4 same (optic\$4 fiber\$1 fibre\$1 waveguide\$1) |
| 46 | BRS  | S65   | 44     | S64 not S61  |
| 47 | BRS  | S63   | 50     | S62 and (dwdm cwdm wdm)  |
| 48 | BRS  | S50   | 3557   | port\$2 same (dwdm cwdm wdm mutiplex\$4 demutiplex\$4)   |
| 49 | BRS  | S64   | 44     | S63 not S59  |
| 50 | BRS  | S60   | 156    | demultiplex\$4 near3 bidirection\$4  |
| 51 | BRS  | S52   | 40844  | multiplex\$4 same demultiplex\$4   |
| 52 | BRS  | S62   | 144    | S52 and S60  |
| 53 | BRS  | S66   | 2      | "20040264888"  |
| 54 | BRS  | S61   | 6      | S57 and S60  |
| 55 | BRS  | S55   | 30621  | (multiplex\$4 demultiplex\$4) near12 (fiber\$1 fibre\$1 waveguide\$1)                          |

|    | <b>DBs</b>                            | <b>Time Stamp</b> |
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| 41 | US-PGPUB; USPAT; EPO;<br>JPO; DERWENT | 2006/12/31 12:50  |
| 42 | US-PGPUB; USPAT; EPO;<br>JPO; DERWENT | 2006/12/31 12:50  |
| 43 | US-PGPUB; USPAT; EPO;<br>JPO; DERWENT | 2006/12/31 12:50  |
| 44 | US-PGPUB; USPAT; EPO;<br>JPO; DERWENT | 2006/12/31 12:50  |
| 45 | US-PGPUB; USPAT; EPO;<br>JPO; DERWENT | 2006/12/31 12:50  |
| 46 | US-PGPUB; USPAT; EPO;<br>JPO; DERWENT | 2006/12/31 12:50  |
| 47 | US-PGPUB; USPAT; EPO;<br>JPO; DERWENT | 2006/12/31 12:50  |
| 48 | US-PGPUB; USPAT; EPO;<br>JPO; DERWENT | 2006/12/31 12:50  |
| 49 | US-PGPUB; USPAT; EPO;<br>JPO; DERWENT | 2006/12/31 12:50  |
| 50 | US-PGPUB; USPAT; EPO;<br>JPO; DERWENT | 2006/12/31 12:50  |
| 51 | US-PGPUB; USPAT; EPO;<br>JPO; DERWENT | 2006/12/31 12:50  |
| 52 | US-PGPUB; USPAT; EPO;<br>JPO; DERWENT | 2006/12/31 12:50  |
| 53 | US-PGPUB; USPAT; EPO;<br>JPO; DERWENT | 2006/12/31 12:50  |
| 54 | US-PGPUB; USPAT; EPO;<br>JPO; DERWENT | 2006/12/31 15:19  |
| 55 | US-PGPUB; USPAT; EPO;<br>JPO; DERWENT | 2006/12/31 12:50  |

|    | Type | Ref # | Hits    | Search Text  |
|----|------|-------|---------|--|
| 1  | BRS  | S1    | 1       | 10/807256  |
| 2  | BRS  | S2    | 1       | 10/807256  |
| 3  | BRS  | S9    | 3208    | port\$2 same (dwdm cwdm wdm mutiplex\$4 demutiplex\$4)   |
| 4  | BRS  | S12   | 1051230 | transceiv\$5 transmit\$5 same (reception adj1 unit\$1 receiv\$3)                               |
| 5  | BRS  | S14   | 37992   | multiplex\$4 same demultiplex\$4   |
| 6  | BRS  | S16   | 29675   | output\$4 same (demutiplex\$4 demultiplex\$4)  |
| 7  | BRS  | S17   | 135353  | input\$3 same (multiplex\$5 mutiplex\$5)   |
| 8  | BRS  | S18   | 28474   | (multiplex\$4 demultiplex\$4) near12 (fiber\$1 fibre\$1 waveguide\$1)                          |
| 9  | BRS  | S19   | 3961    | multiplex\$4 same switch\$5 same demultiplex\$4 same (optic\$4 fiber\$1 fibre\$1 waveguide\$1) |
| 10 | BRS  | S20   | 341     | S9 and S12 and S14 and S16 and S17 and S18 and S19   |
| 11 | BRS  | S22   | 10338   | (bidirection\$5 bi adj1 direction\$3) near9 (optic\$3 fiber\$1 fibre\$1 waveguide\$1)          |
| 12 | BRS  | S23   | 91      | S20 and S22  |
| 13 | BRS  | S24   | 30453   | multiplex\$4 near14 demultiplex\$4   |
| 14 | BRS  | S25   | 89      | S23 and S24  |
| 15 | BRS  | S35   | 91      | S33 and S34  |
| 16 | BRS  | S38   | 148     | demultiplex\$4 near3 bidirection\$4  |
| 17 | BRS  | S27   | 1051230 | transceiv\$5 transmit\$5 same (reception adj1 unit\$1 receiv\$3)                               |
| 18 | BRS  | S30   | 135353  | input\$3 same (multiplex\$5 mutiplex\$5)   |
| 19 | BRS  | S36   | 30453   | multiplex\$4 near14 demultiplex\$4   |
| 20 | BRS  | S37   | 89      | S35 and S36  |